



\$3500.017385.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

YUKIHIRO HAYAKAWA ET AL.

Application No.: 10/615,288

Filed: July 9, 2003

For: SEMICONDUCTOR DEVICE
AND LIQUID JETTING DEVICE
USING THE SAME

Examiner: Not Yet Assigned
Group Art Unit: Not Yet Assigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Pursuant to recent changes to 37 C.F.R. 1.98(a)(2)(i), copies of the listed U.S. Patent documents are not enclosed (a copy of the PTO notice is attached).

For the concise explanation of relevance for the non-English documents, the Examiner is referred to the English Abstracts attached hereto. Applicants note that JP 9-307110 corresponds with U.S. Patent No. 5,801,431; JP 6-69497 corresponds with U.S. Patent No. 5,517,224; JP 10-34898 corresponds with U.S. Patent No. 6,302,504 and JP 5-185594 corresponds with U.S. Patent No. 6,290,334.

The Examiner's attention is also directed to the following U.S. Application:

APPLICATION NO.

10/368,579

FILING DATE

02/20/03

GROUP ART UNIT

2818

A copy of the cited Application is enclosed.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 03500.017385.	APPLICATION NO. 10/615,289		
				APPLICANT YUKIHIRO HAYAKAWA ET AL			
				FILING DATE July 9, 2003	GROUP N.Y.A.		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,567,630	08/22/96	Matsumoto et al.	437	31	
		5,801,431	09/01/98	Ranjan	257	659	
		5,517,224	05/14/96	Kaizu et al.	347	59	
		6,302,504	10/16/01	Imanaka et al.	347	9	
		6,290,334	09/18/01	Ishinaga et al.	347	59	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JP	5-129597		JAPAN			Abstract
	JP	62-98764		JAPAN			Abstract
	JP	8-97410		JAPAN			Abstract
	JP	9-307110		JAPAN			Abstract & corresponding U.S. Patent No. 5,801,431
	JP	6-69497		JAPAN			Abstract & corresponding U.S. Patent No. 5,517,224
	JP	10-34898		JAPAN			Abstract & corresponding U.S. Patent No. 6,302,504
	JP	5-185594		JAPAN			Abstract & corresponding U.S. Patent No. 6,290,334
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.